

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: To make a technical correction.

**IN THE SENATE OF THE UNITED STATES—110th Cong., 1st Sess.**

**S. 2191**

To direct the Administrator of the Environmental Protection Agency to establish a program to decrease emissions of greenhouse gases, and for other purposes.

Referred to the Committee on \_\_\_\_\_ and  
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by \_\_\_\_\_

Viz:

1 Strike section 7001 and insert the following:

2 **SEC. 7001.** \_\_\_\_\_.

3 (a) IN GENERAL.—Not later than 1 year after the  
4 date of enactment of this Act, the Administrator shall  
5 offer to enter into a contract with the National Academy  
6 of Sciences under which the Academy shall, not later than  
7 January 1, 2012, and every 3 years thereafter, submit to  
8 Congress and the Administrator a report that includes an  
9 analysis of—

1           (1) the latest scientific information and data  
2 relevant to global climate change; and

3           (2) the performance of this Act and other poli-  
4 cies in reducing greenhouse gas emissions and miti-  
5 gating the adverse impacts of global climate change.

6       (b) LATEST SCIENTIFIC INFORMATION.—The anal-  
7 ysis required under subsection (a)(1) shall—

8           (1) address existing reports, including the most  
9 recent assessment report of the Intergovernmental  
10 Panel on Climate Change; and

11          (2) include a description of—

12               (A) trends in and projections for total  
13 United States greenhouse gas emissions;

14               (B) trends in and projections for total  
15 worldwide greenhouse gas emissions;

16               (C) current and projected future atmos-  
17 pheric concentrations of greenhouse gases;

18               (D) current and projected future global av-  
19 erage temperature, including an analysis of  
20 whether an increase of global average tempera-  
21 ture in excess of 3.6 degrees Fahrenheit (2 de-  
22 grees Celsius) above the preindustrial average  
23 has occurred or is more likely than not to occur  
24 in the foreseeable future as a result of anthro-  
25 pogenic climate change;

1 (E) current and projected future adverse  
2 impacts of global climate change on human  
3 populations, wildlife, and natural resources; and

4 (F) trends in and projections for the  
5 health of the oceans and ocean ecosystems, in-  
6 cluding predicted changes in ocean acidity, tem-  
7 peratures, the extent of coral reefs, and other  
8 indicators of ocean ecosystem health, resulting  
9 from anthropogenic carbon dioxide and climate  
10 change.

11 (c) PERFORMANCE OF THIS ACT AND EXISTING  
12 TECHNOLOGIES.—The analysis required under subsection  
13 (a)(2) shall include a description of—

14 (1) the extent to which this Act, in concert with  
15 other policies, will prevent a dangerous increase in  
16 global average temperature;

17 (2) the extent to which this Act, in concert with  
18 other policies, will prevent dangerous atmospheric  
19 concentrations of greenhouse gases;

20 (3) the current and future projected deployment  
21 of technologies and practices that reduce or limit  
22 greenhouse gas emissions, including—

23 (A) technologies for capture and disposal  
24 of greenhouse gases;

25 (B) efficiency improvement technologies;

1 (C) zero-greenhouse gas emitting energy  
2 technologies, including solar, wind and geo-  
3 thermal technologies; and

4 (D) above- and below-ground biological se-  
5 questration technologies;

6 (4) the extent to which this Act and other poli-  
7 cies are accelerating the development and commer-  
8 cial deployment of technologies and practices that  
9 reduce and limit greenhouse gas emissions;

10 (5) the extent to which the allocations and dis-  
11 tributions of emission allowances and auction pro-  
12 ceeds under this Act are advancing the purposes of  
13 this Act, and whether any of those allocations and  
14 distributions should be modified, including by in-  
15 creasing the percentage of annual Emission Allow-  
16 ance Account being auctioned, to better carry out  
17 the purposes of this Act;

18 (6) whether the motor vehicle fuel and motor  
19 vehicle and nonroad regulations within the scope of  
20 Executive Order 13432 (72 Fed. Reg. 27717; relat-  
21 ing to cooperation among agencies in protecting the  
22 environment with respect to greenhouse gas emis-  
23 sions from motor vehicles, nonroad vehicles, and  
24 nonroad engines) have been finalized and imple-  
25 mented by Federal agencies and departments;

1           (7) whether any other transportation-related  
2           programs, including fuel economy standard reform,  
3           greenhouse gas vehicle emissions standards, renew-  
4           able fuel volume mandates, low-carbon fuel stand-  
5           ards, and activities to reduce vehicle miles traveled  
6           have been finalized and implemented by any Federal  
7           agencies or departments;

8           (8) whether any regulation or program de-  
9           scribed in paragraph (11) or (12) is expected to  
10          achieve, as compared to the baseline greenhouse gas  
11          emissions consistent with the reference case con-  
12          tained in the report of the Energy Information Ad-  
13          ministration entitled “Annual Energy Outlook  
14          2006”, at a minimum—

15                (A) at least a 6.2-percent reduction in cu-  
16                mulative greenhouse gas emissions from the  
17                light-duty motor vehicle sector, including light-  
18                duty vehicles and light-duty trucks, during the  
19                period beginning on January 1, 2010, and end-  
20                ing on December 31, 2020; or

21                (B) a cumulative reduction of approxi-  
22                mately 1,140,000 metric tons of carbon dioxide  
23                equivalent, measured on a full fuel cycle basis;

24           (9) whether additional measures, including an  
25           increase in the earned income tax credit, a reduction

1 in payroll taxes, or the implementation of electronic  
2 benefit transfers by State health and human services  
3 agencies to reach low-income individuals who are not  
4 required to file Federal income tax returns, are  
5 needed to help low- and moderate-income individuals  
6 respond to changes in the cost of energy-related  
7 goods and services;

8 (10) the feasibility of expanding the definition  
9 of the term “covered facility” under this Act;

10 (11) the feasibility of reducing the number of  
11 emission allowances comprising the Emission Allow-  
12 ance Account for 1 or more calendar years under  
13 this Act; and

14 (12) the feasibility of establishing policies for  
15 reducing greenhouse gas emissions over and above  
16 those policies established by this Act.